

[JAPANESE PATENT LAID-OPEN NO. H9-294041]

## 1. TITLE OF THE INVENTION

Applicant: Tamura Mfg., Co., Ltd.

## LAMINATION TYPE NOISE FILTER

## 2. PROBLEM TO BE SOLVED

To obtain the noise filter with small stray capacitance among a ground inner conductor 4 and input output external electrodes.

## 3. CONSTITUTION

A via hole 6c is provided to a middle of a dielectric sheet 2. A ground inner conductor 4 having a circular gap 4a surrounding the via hole 6c at a prescribed interval from the via hole 6c is provided on a surface of the sheet 2 over a wide area thereof. Static capacitance is formed between the via hole 6c and the ground inner conductor 4. Via holes 6a-6e are connected to form a via conductor 6 whose axial direction is parallel with a broadwise direction of the sheet 2. The via conductor 6 acts like a signal line inner conductor.

## 4. TYPICAL DRAWING

